



Tactical Fuel and Water Systems (TFWS) Logistics Support



**GTES Directorate, PM Engineer
Systems**

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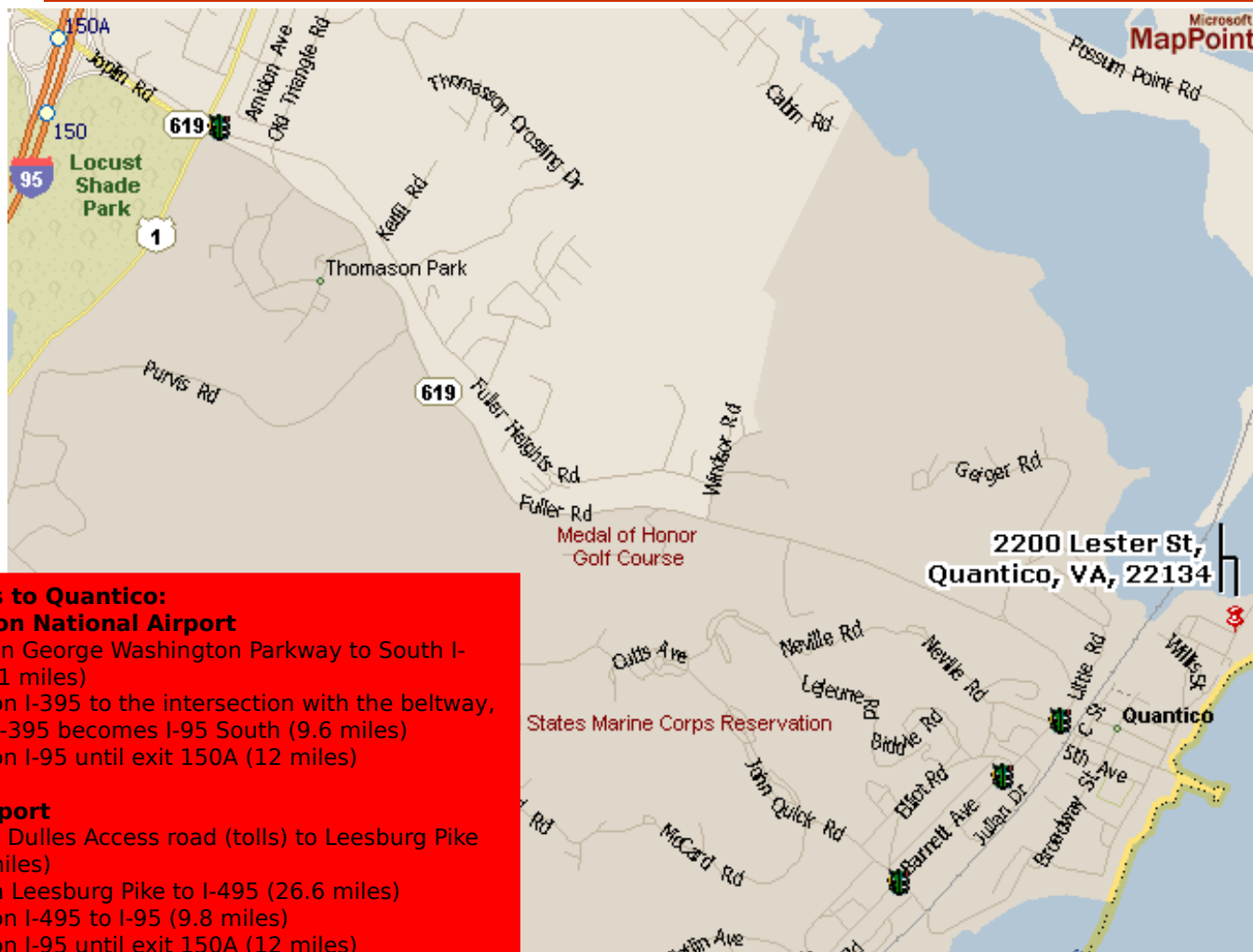
Agenda



- Directions
- Background
- Purpose
- Family of Tactical Fuel Systems (TFS)
- Family of Water Supply Support Equipment (WSSE)
- FY11 - FY16 Spend Plan



MARCORSYSCOM Directions



Directions to Quantico:

Washington National Airport

- North on George Washington Parkway to South I-395 (2.1 miles)
- South on I-395 to the intersection with the beltway, where I-395 becomes I-95 South (9.6 miles)
- South on I-95 until exit 150A (12 miles)

Dulles Airport

- East on Dulles Access road (tolls) to Leesburg Pike (13.3 miles)
- East On Leesburg Pike to I-495 (26.6 miles)
- South on I-495 to I-95 (9.8 miles)
- South on I-95 until exit 150A (12 miles)

Baltimore/Washington Airport (BWI)

- South on I-395 to I-95 (1.1 miles)
- South on I-95 to I-495 (26.6 miles)
- West on I-495 to Virginia (16 miles)
- South on I-495 to I-95 (14.1 miles)
- Go South on I-95 until exit 150A (12 miles)

Directions to MARCORSYSCOM:

Straight at light, through main gate.

Continue on Fuller Rd until first light (3 miles).

Turn left, cross railroad tracks, take the 3rd left (River Rd).

Bear right on Williams St. Turn Left onto Lester St. Visitor Parking is located to the front left of the building. Check-in at the main entrance.



Background



Current Procurement:

- Individual Contracts
- Defense Logistics Agency (DLA)

Disadvantages:

- Cumbersome – longer lead times up to 6+ months for some Long Lead Items.
- High pass through costs



Objective



Obtain a Commercial Single System Integrator (CSSI) that Will:

- Reduce Costs by Minimum of 20%
- Decrease Procurement Lead Time
- Reduce Administration
- Improve Kitting & Packaging
- Reduce Long Lead times

Contract :

- Five year, requirements based, ID/IQ contract
- Procure Tactical Fuel & Water Systems & Components
- The majority of items procured will be shipped to Marine Corps Logistics Base Albany, GA.
- Provisions for Overseas Packaging



Contractor Responsibilities



- Procurement:
 - New Systems/Components
 - Coordinator with Suppliers & Manufacturers
 - Transportation of new systems & components to the operating forces as required
 - Must comply with Performance Specifications and MIL STDs



FAMILY OF TACTICAL FUEL SYSTEMS



Item	NSN	TAMCN
500 Gallon Collapsible Fuel Drum	8110-00-965-2313	B0570
50,000 Gallon Collapsible Fuel Storage Tank	5430-01-479-5099 5430-01-479-5116 5430-01-544-6371	B0572
3,000 Gallon Collapsible Fuel Storage Tank	5430-01-542-7938	B0573
20,000 Gallon Collapsible Fuel Storage Tank	5430-01-058-6293 5430-01-126-7623	B0574
Tactical Airfield Fuel Dispensing System (TAFDS)	4930-01-094-0026	B0675
Amphibious Assault Fuel System (AAFS)	4930-01-113-9173	B0685
Helicopter Expedient Refueling System (HERS)	4930-01-114-9930 4930-00-188-1701	B1135
Hose Reel System	4930-01-462-1304	B1139
Expedient Refueling System	4930-01-182-5028	B1570
Fire Extinguisher, Twin-Agent Unit	4210-01-354-9893	C4765
600 GPM Fuel Filter Separator	4330-01-533-8221	B1585
50K Berm Liners	5430-01-547-2539	
20K Berm Liners	5430-01-547-2535	



TFS

LONG-LEAD ITEMS

Item	Part Number	SL-3 to Below Systems	AVERAGE LEAD TIME
2" x 10' Hose Assembly	00971891	B00675, B0685, B1135, B1570	150-365 days
2" x 25' Hose Assembly	01141600	B00675, B0685, B1135, B1570	210 days
2" x 50' Hose Assembly	01105841	B00675, B0685, B1135, B1570	150-365 days
4" x 25' Hose Assembly	00889130	B00675, B0685	150-365 days
4" x 50' Hose Assembly	01104180	B00675, B0685	365 days +
4" Gate Valves	00901880	B00675, B0685	365 days +
4" Manifold Assembly	01263421	B00675, B0685	335 days +



TFS

~~LONG-LEAD ITEMS~~

Continued

Item	Part Number	SL-3 to Below Systems	AVERAGE LEAD TIME
6" Gate Valves	01873083	B00675, B0685	335 days +
6" Manifold Assembly	01263414	B0685	335 days +
600 GPM, SEPERATOR FUEL FILTER	01900458	B00675, B0685	210 days
STRAINER ASSEMBLY	01161608	B0685	240 days
NOZZLE, FUEL AND OIL SERVICE	01873084	B00675, B0685, B1135, B1570	300 days +



Family of WSSE



Item Description	NSN	TAMCN
500 Gallon Water Drum	8110-01-40-9078	B0571
Fwd Area Water Point Supply System	4320-01-110-1993	B0676
Hypo Chlorination Unit	4610-00-269-0163	B1140
150 GPM Pump	4320-01-149-7857	B1620
3K Gallon Tank, Water	5430-01-170-6984	B2130
Dual Tank Interconnection Set	4610-01-120-7526	B2131
Bag Filler Interconnection Set	4610-01-120-7528	B2132
4" Hose Interconnection Set	4610-01-140-6775	B2133
2" Hose Interconnection Set	4610-01-140-6776	B2134
4" Discharge Interconnection Set	4610-01-120-7522	B2135
Hose Nozzle Interconnection Set	4610-01-120-7522	B2136
Accessory Kit	4610-01-120-7525	B2137
350 GPM Pump Interconnection Set	4320-01-120-7523	B2138
125 GPM Pump Interconnection Set	4320-01-120-7524	B2139
TWDS Pumping Station	4320-01-128-4244	B2391
TWDS Storage Assy	4320-01-128-4245	B2392
TWDS Distribution Point	4320-01-128-4246	B2393
Five Mile Segment	4320-01-377-4577	B2395
50 K Gallon Pillow Tank	5430-01-200-4831	B2631
20 K Gallon Pillow Tank	5430-01-351-7813	B2632



Funding Profile



- To sustain Material Readiness through FY15, \$63.6M is currently planned to support the procurement of TFS and WSSE components and systems
- Funding profile will vary based on priorities and availability of funds

\$M	FY 11	FY 12	FY 13	FY 14	FY 15
TFS	32.0	1.6	1.0	4.9	4.4
WSSE	2.7	2.5	4.5	5.0	5.0



FY11 – FY15 Buy Plan



TFS-LS Procurement Plan	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
B0572 / 50k Collapsible Tanks	299	44		75	75	493
B0573 / 3K Collapsible Tanks	75				12	87
B0574 / 20K Collapsible Tanks	74		38	69	32	213
B0675 / TAFDS	13					13
B0685 / AAFS	5			1	1	7
B1135 / HERS	3					3
B1139 / HRS	2					2
B1570 / ERS	78	5	14		4	101
B1585 / FUEL SEPARATORS	35					35
C4765 / FIRE EXTINGUISHER						0
20 KBerm Liners	118					118
50 KBerm Liners	366					366
WSSE Logistics Support Procurement Plan	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	TOTAL
B0571 / 500 Gallon Water Drum						
B0676 / FwdArea Water Point Supply System						
B1140 / Hypo Chlorination Unit						
B1620 / Pump Set 150 GPM						
B2130 / 3K Gallon Tank, Water	50	500	500	500	350	1900
B2131 / Dual Tank Interconnection Set			10			10
B2132 / Bag Filler Interconnection Set						0
B2133 / 4" Hose Interconnection Set						0
B2134 / 2" Hose Interconnection Set				16	7	23
B2135 / 4" Discharge Interconnection Set						0
B2136 / Hose Nozzle Interconnection Set		10	10	12		32
B2137 / Accessory Kit		5	3			8
B2138 / 350 GPM Pump Interconnection Set						0
B2139 / 125 GPM Pump Interconnection Set						0
B2391 TWDS Pumping Station						0
B2392 / TWDS Storage Assembly		3				3
B2393 / TWDS Distribution Point						0
B2395 / Five Mile Segment*	320					320
B2631 / 50 K Gallon Pillow Tank		20	20	20	20	80
B2632 / 20 K Gallon Pillow Tank		20	20	33	20	93
*B2395 FY11 is TWDS Hose 6" x500" only						



Q U E S T I O N